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U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Attorney Docket No.	454313-2280.1
First Inventor	Franciscus Antonius Maria RIJSEWIJK et al.
Title	BOVINE POLYNEUCLEOTIDE VACCINE FOR THE INTRADERMAL ROUTE
Express Mail Label No.	EV 001582316US

APPLICATION ELEMENTS		ADDRESS TO:	
See MPEP chapter 600 concerning utility patent application contents.		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>	
3. <input checked="" type="checkbox"/> Specification [Total Pages 17] <i>(preferred arrangement set forth below)</i>		a. <input type="checkbox"/> Computer Readable Form (CFR)	
- Descriptive title of the invention		b. Specification sequence Listing on:	
- Cross References to Related Applications		i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or	
- Statement Regarding Fed sponsored R & D		ii. <input type="checkbox"/> paper	
- Reference to sequence listing, a table, or a computer program listing appendix.		c. <input type="checkbox"/> Statements verifying identity of above copies	
- Background of the Invention		<b>ACCOMPANYING APPLICATION PARTS</b>	
- Brief Summary of the Invention		9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s))	
- Brief Description of the Drawings <i>(if filed)</i>		10. <input type="checkbox"/> 37 CFR 3.73(b) Statement	
- Detailed Description		<input type="checkbox"/> Power of Attorney	
- Claim(s)		<i>(when there is an assignee)</i>	
- Abstract of the Disclosure		11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>	
<input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 2]		12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
Oath or Declaration [Total Pages 2]		13. <input checked="" type="checkbox"/> Preliminary Amendment	
a. <input type="checkbox"/> Newly executed (original or copy)		14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>	
b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>		15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>	
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach from PTO/SB/35 or its equivalent.	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.		17. <input type="checkbox"/> Other:	

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18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

<input type="checkbox"/> Continuation	<input checked="" type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No.: 09/232,469
Prior application information:		Examiner: A.M. Beckerleg	Group/Art Unit: 1632

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

20999

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)	or <input type="checkbox"/> Correspondence address below
Name	William S. Frommer	

Name (Print/Type)	William S. Frommer	Registration No. (Attorney/Agent)	25,506
Signature		Date	02/15/02

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**FEE TRANSMITTAL**  
**for FY 2001**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Franciscus Antonius Maria RIJSEWIJK
Examiner Name	To Be Assigned
Group/Art Unit	To Be Assigned
Attorney Docket No.	454313-2280.1

TOTAL AMOUNT OF PAYMENT

(\$ 1,484.00)

**METHOD OF PAYMENT**1. ☒

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Name

Frommer Lawrence &amp; Haug LLP

Deposit  
Account  
Number

50-0320

☒ Charge any Additional Fee Required  
Under 37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set in 37 CFR  
1.18 at the Mailing of the Notice of  
Allowance2. ☒ Payment Enclosed☒ Check☐ Money Order☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					740.00

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claim	Fee from below	Fee Paid
52	-20** =	32	X 18 = 576.00
Ind. Claims	-3** =	2	X 84 = 168.00
Multiple Dependent			X =

\*\* or number previously paid, if greater; for reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
107	510	207	255	Plant filing fee
SUBTOTAL (2)				(\$744.00)

**FEE CALCULATION****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or Cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request of reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use Proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional Applications	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					
SUBTOTAL (3)					(\$0.00)

\* Reduced by Basic Filing Fee

**SUBMITTED BY**

Typed or Printed Name William S. Frommer

Signature

*William S. Frommer*

Date

02/15/02

**Complete (if applicable)**

Reg. Number 25,506

Deposit Account 50-0320

**WARNING: Information on this form may become public. credit card information should not be included on this form.****Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION**

Attorney Docket No. : 454313-2280.1  
Title : BOVINE POLYNUCLEOTIDE VACCINE FOR THE  
INTRADERMAL ROUTE  
Filed : Herewith  
Applicants : Franciscus Antonius Maria RIJEWSIJK et al.

Mailed: **February 15, 2002** via "Express Mail Label # **EV 001582316US**

I hereby certify that the Patent Application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Charles Jackson  
(Type/printed name of person mailing paper or fee)

Charles Jackson  
Signature

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